

What is claimed is:

[Claim 1] 1. A liquid crystal display module comprising:

- a glass substrate having a display area and a peripheral area, a plurality of scan lines and a plurality of data lines is separately formed on the display area along horizontal and vertical directions;
- at least a gate driver chip mounted on the peripheral area, the gate driver chip transmits signals to the scan lines via a plurality of output terminals, and thickness of the gate driver chip is less than 0.3 mm; and
- at least a source driver chip mounted on the peripheral area, the source driver chip transmits signals to the data lines via a plurality of output terminals, and thickness of the source driver chip is less than 0.3 mm.

[Claim 2] 2. The liquid crystal display module of claim 1, wherein the gate driver chip and the source driver chip are mounted on the glass substrate with a chip-on-glass technology.

[Claim 3] 3. The liquid crystal display module of claim 1, wherein the gate driver chip and the source driver chip are mounted on the glass substrate with an adhesive material.

[Claim 4] 4. The liquid crystal display module of claim 3, wherein the adhesive material includes an anisotropic conductive film.

[Claim 5] 5. The liquid crystal display module of claim 1 further comprising at least a flexible printed circuit board mounted on the peripheral area.

[Claim 6] 6. A liquid crystal display module comprising:

- a glass substrate having a display area and a peripheral area, a plurality of scan lines and a plurality of data lines are separately formed on the display area along horizontal and vertical directions;
- at least a gate driver chip mounted on the peripheral area, the gate driver chip transmits signals to the scan lines via a plurality of output terminals, and the gate driver chip is bendable; and
- at least a source driver chip mounted on the peripheral area, the source driver chip transmits signals to the data lines via a plurality of output terminals, and the source driver chip is bendable.

[Claim 7] 7. The liquid crystal display module of claim 6, wherein the gate driver chip and the source driver chip are mounted on the glass substrate with a chip-on-glass technology.

[Claim 8] 8. The liquid crystal display module of claim 6, wherein thickness of the gate driver chip is less than 0.3 mm.

[Claim 9] 9. The liquid crystal display module of claim 6, wherein thickness of the source driver chip is less than 0.3 mm.

[Claim 10] 10. The liquid crystal display module of claim 6, wherein the gate driver chip and the source driver chip are mounted on the glass substrate with an adhesive material.

[Claim 11] 11. The liquid crystal display module of claim 10, wherein the adhesive material includes an anisotropic conductive film.

[Claim 12] 12. The liquid crystal display module of claim 6 further comprising at least a flexible printed circuit board mounted on the peripheral area.